

Meeting Date: 11/18/08

Santa Clara



AGENDA REPORT

City of Santa Clara, California

Agenda Item # 7B-4



DATE: October 28, 2008
TO: City Manager for Council Action
FROM: Director of Streets & Automotive Services
SUBJECT: Call No. 08-3 with Adhara Systems, Inc. to Integrate the StreetSaver Database with ArcView to Give Geographic Information System (GIS) Capabilities to the Pavement Management Program in an Amount not to Exceed \$25,000.00

EXECUTIVE SUMMARY:

The City of Santa Clara maintains a 240+ mile street network. The street network is divided into 1,369 pavement management sections (PMS) and the pavement condition index (PCI) is calculated every two to five years, depending on the type of street. The PCI of each PMS is calculated and reported to the Metropolitan Transportation Network (MTC) and is a mandatory condition to be eligible for State and Federal funding. The City has an overall PCI of 84 out of a possible 100, which is considered a "good" rating. On May 6, 2008 Council approved a Call Agreement with Adhara Systems, Inc.. Under Call No. 08-3, Adhara Systems, Inc. will integrate the existing StreetSaver database with City's existing ArcView software to enable the City to generate GIS queries that calculate the PCI, view the maintenance treatment history, and determine the treatment needs for specific pavement PMS. A copy of Call No. 08-3 has been placed in Council Offices for review.

ADVANTAGES AND DISADVANTAGES OF ISSUE:

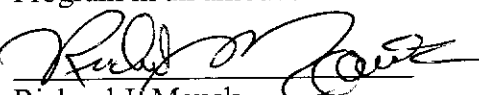
The ability to create GIS queries on specific PMS will enable the City to effectively maintain a good PCI rating, while minimizing the amount of staff time dedicated to data collection and analysis.

ECONOMIC/FISCAL IMPACT:

The cost of services associated with Call No. 08-3 with Adhara Systems shall not exceed \$25,000.00. Funds are available in the General Fund's Street Maintenance Program Account (001-2911-87870).

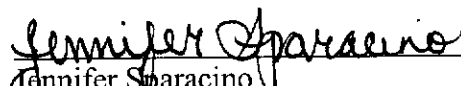
RECOMMENDATION:

That Council approve and authorize the City Manager to execute Call No. 08-3 with Adhara Systems, Inc. to integrate the StreetSaver Database with ArcView to give GIS capabilities to the Pavement Management Program in an amount not to exceed \$25,000.00.


Richard J. Mauck


Director of Streets & Automotive Services

APPROVED:


Jennifer Sparacino
City Manager

Certified as to Availability of Funds: 

001-2911-87870 \$ 25,000.00


Mary Ann Parrot
Director of Finance

MAJORITY VOTE OF COUNCIL

Documents Related to this Report:

1) Call No. 08-3 with Adhara Systems, Inc.

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CITY OF SANTA CLARA

AGENDA MATERIAL ROUTE SHEET

Council Date: November 18, 2008

SUBJECT: Call No. 08-3 with Adhara Systems, Inc. to Integrate the StreetSaver Database with ArcView to Give Geographic Information System (GIS) Capabilities to the Pavement Management Program in an Amount not to Exceed \$25,000.00

CERTIFICATION

The proposed Call No. 08-3
Regarding Integration of StreetSaver Database with ArcView to give Geographic Information System (GIS) to the Pavement Management Program
has been reviewed and is hereby certified.

PUBLICATION REQUIRED:

The attached Notice/Resolution/Ordinance is to be published _____ time(s) at least _____ days before the scheduled meeting/public hearing/bid opening/etc., which is scheduled for _____, 200__.

AUTHORITY SOURCE FOR PUBLICATION REQUIREMENT:

Federal Codes:

Title _____ U.S.C. § _____
(Titles run 1 through 50)

Federal Regulations:

Title _____ C.F.R. § _____
(Titles run 1 through 50)

California Codes:

Code _____ § _____
(i.e., Government, Street and Highway, Public Resources)

California Regulations:

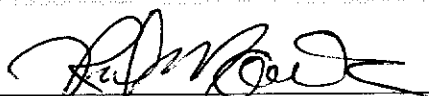
Title _____ California Code of Regulations § _____
(Titles run 1 through 28)

City

City Charter § _____ (i.e., 1310. Public Works Contracts. Notice published at least once at least ten days before bid opening)

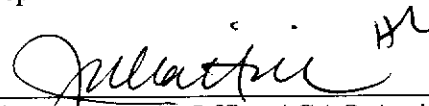
City Code § _____

1. As to City Functions, by



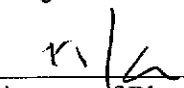
Department Head

2. As to Legality, by



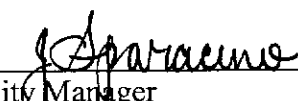
City Attorney's Office / CAO Assignment No 08. 1512

3. As to Environmental
Impact Requirements, by



Director of Planning and Inspection

4. As to Substance, by



City Manager

Revision Date June 7, 2005